

Fig. 1

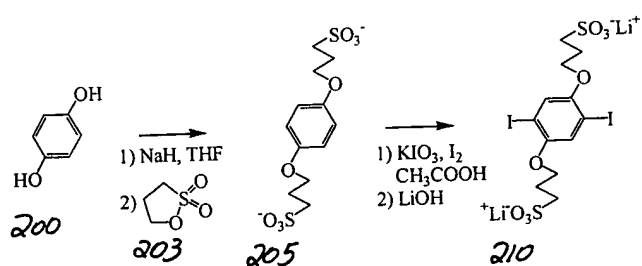
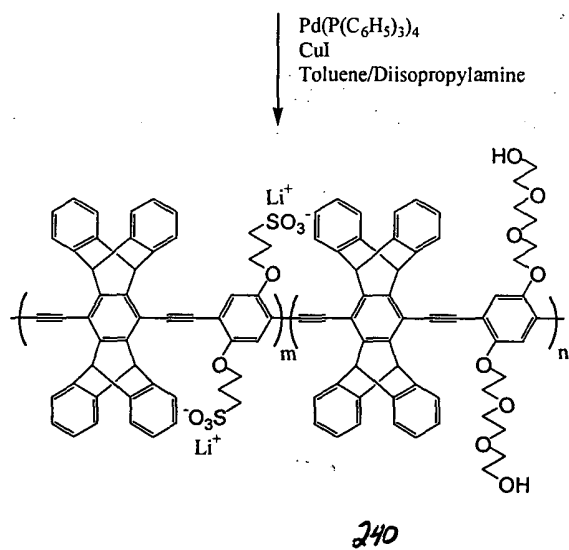
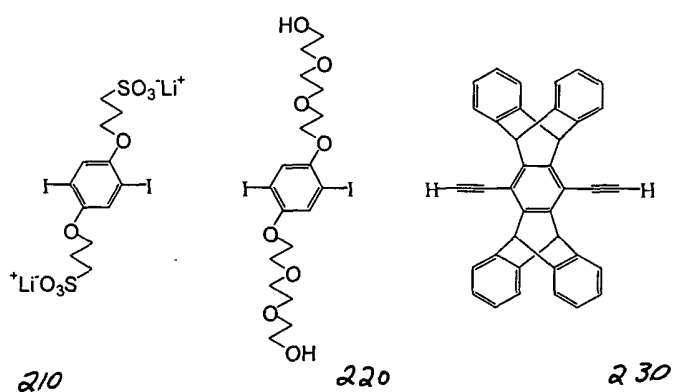


Fig. 2



Pd(P(C₆H₅)₃)₄
 CuI
 Toluene/Diisopropylamine

Fig. 3

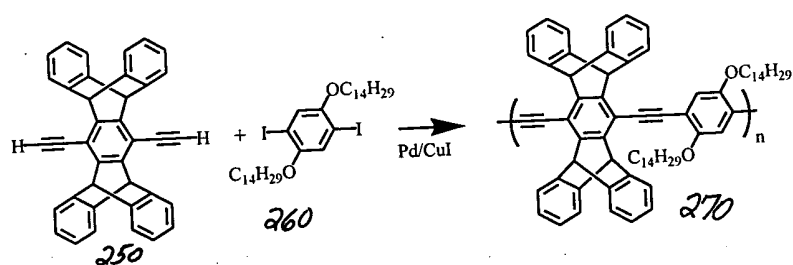


Figure 4

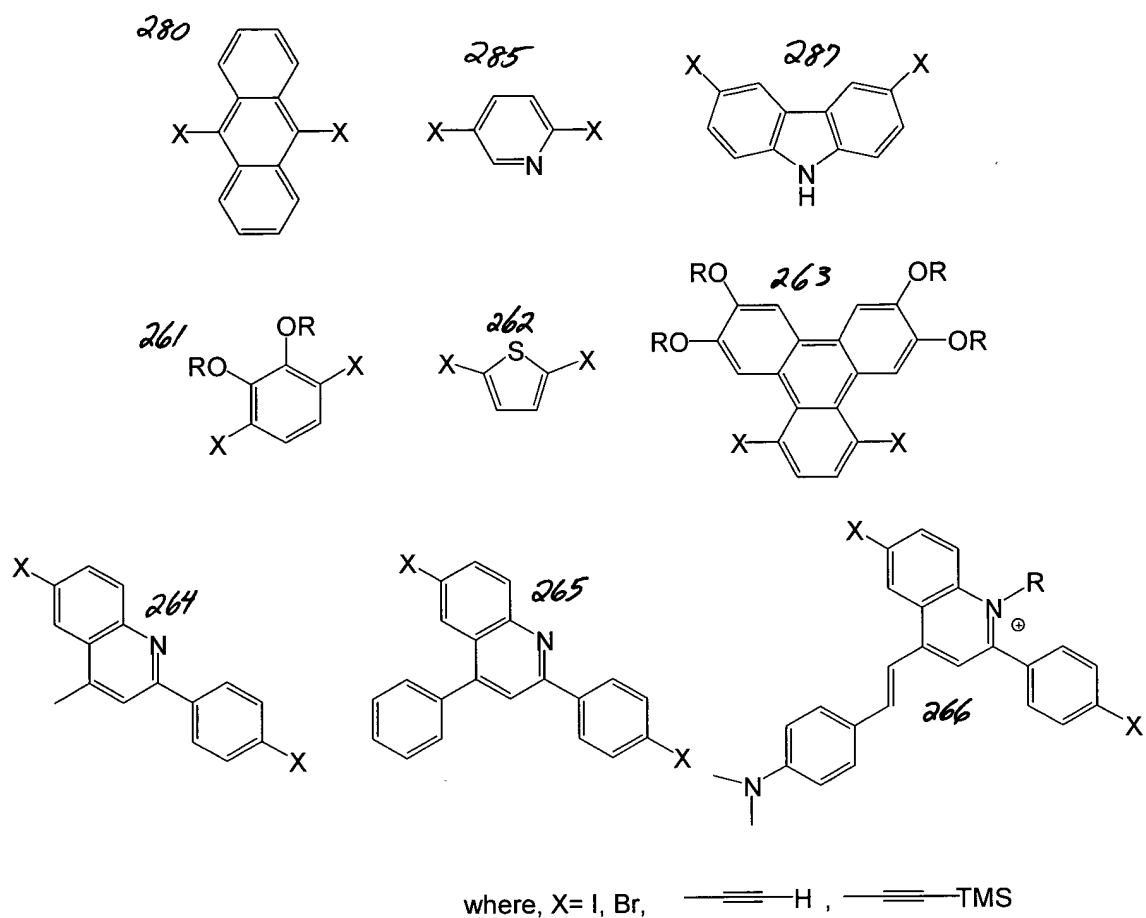
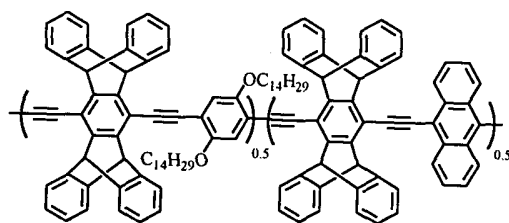
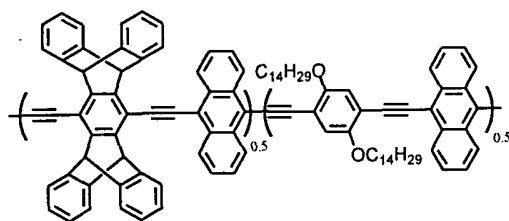


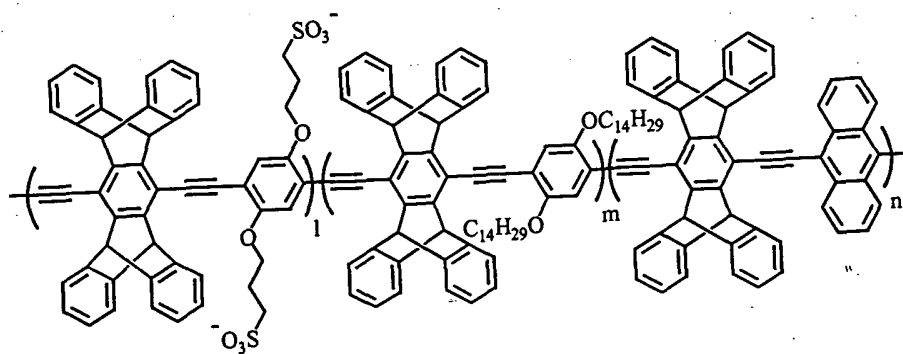
Fig. 5



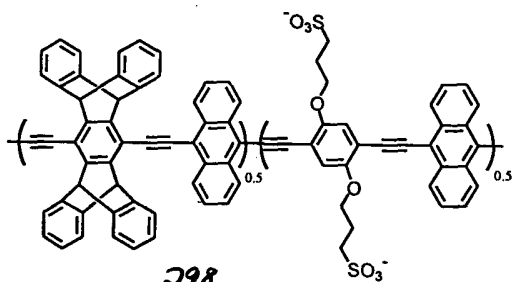
290



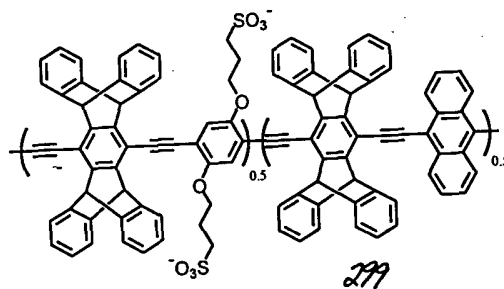
295



297



298



299

Fig. 6

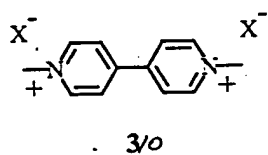
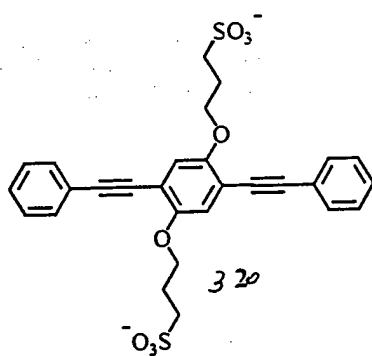
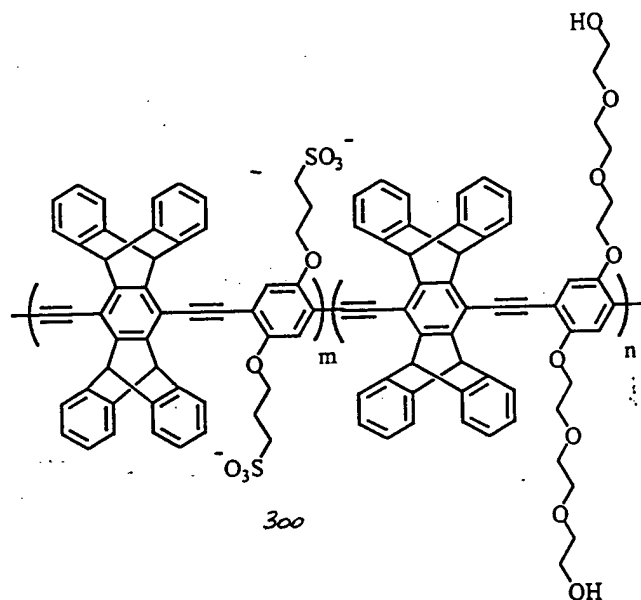


Fig. 7

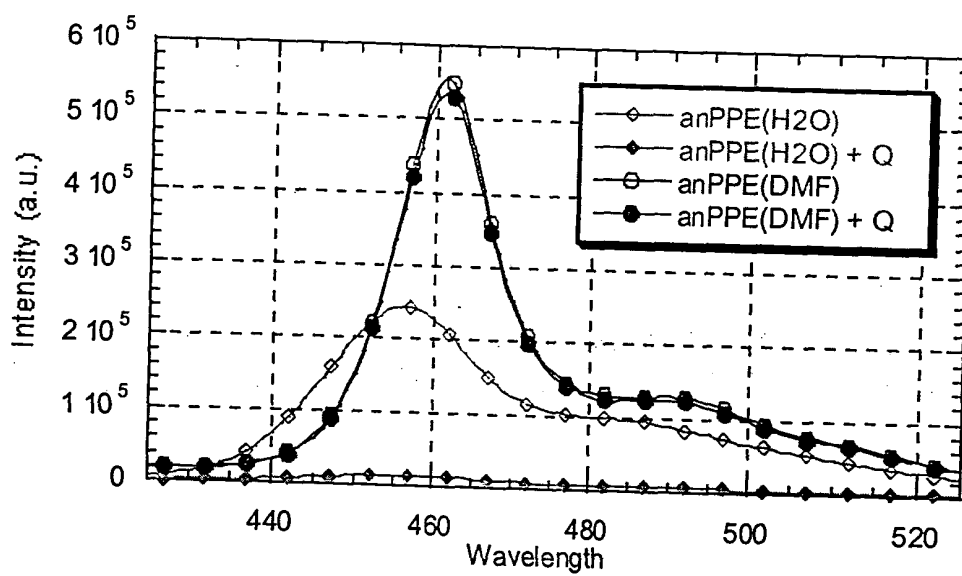
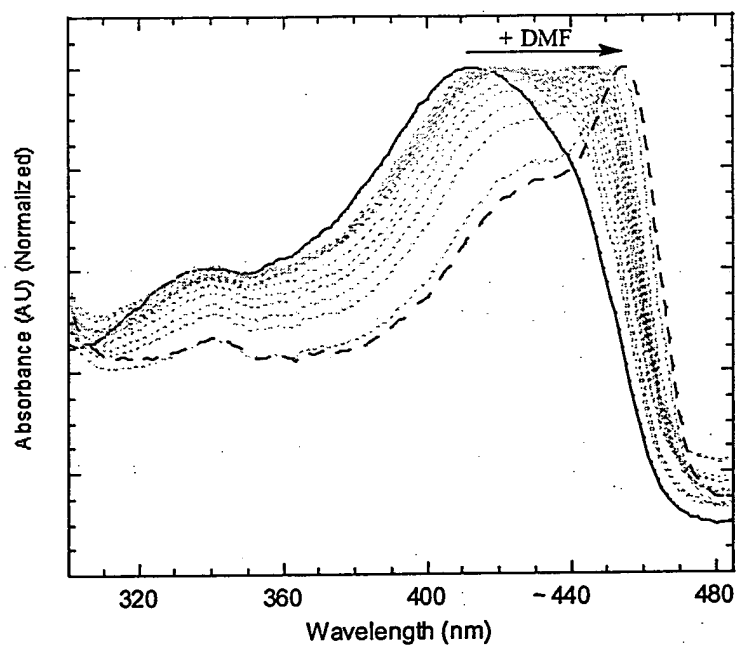
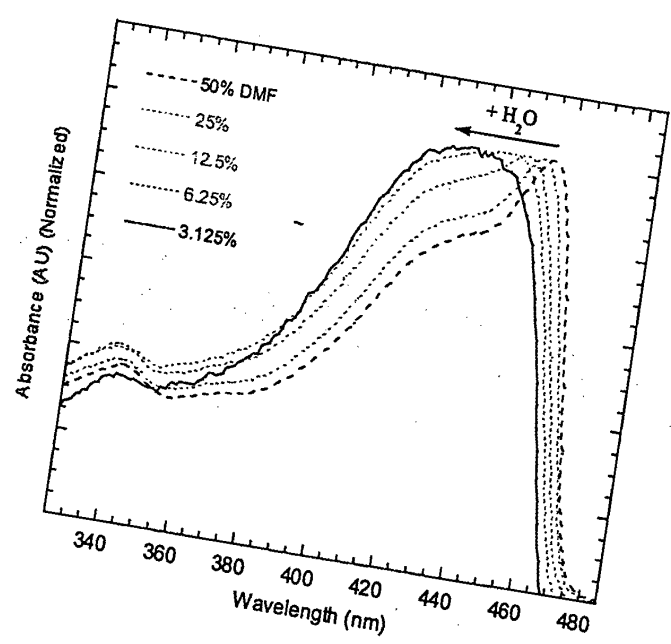


Fig. 8



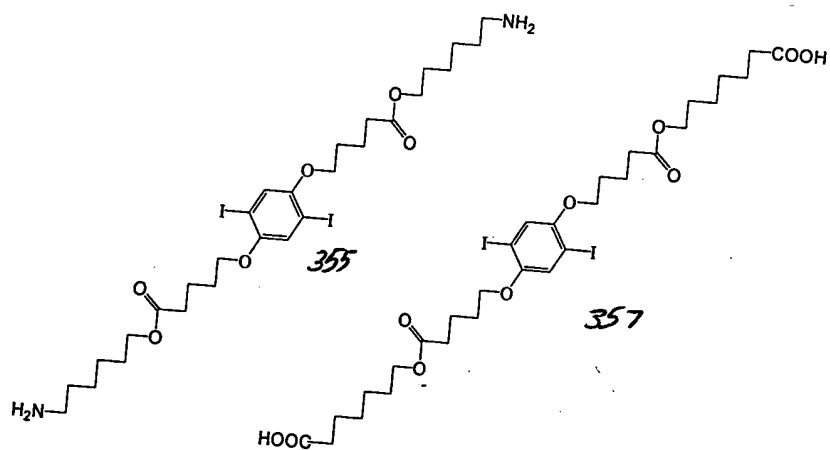
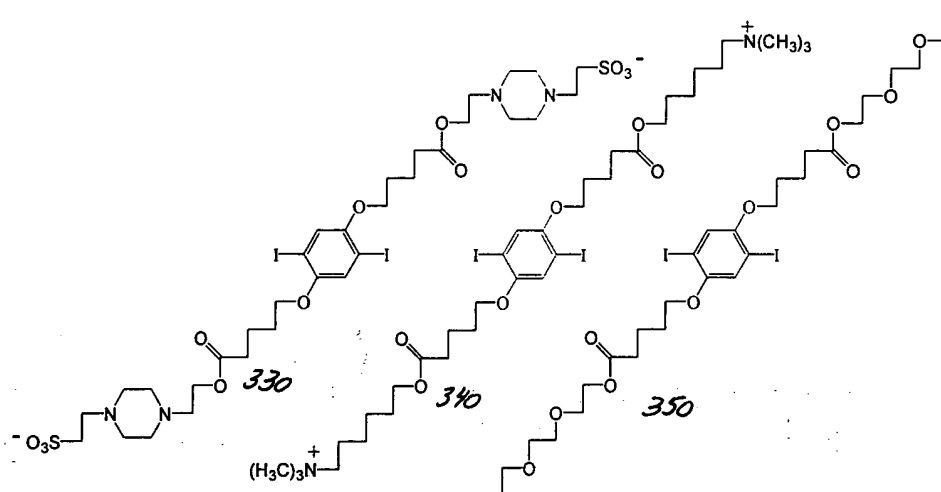
FOOT 666666

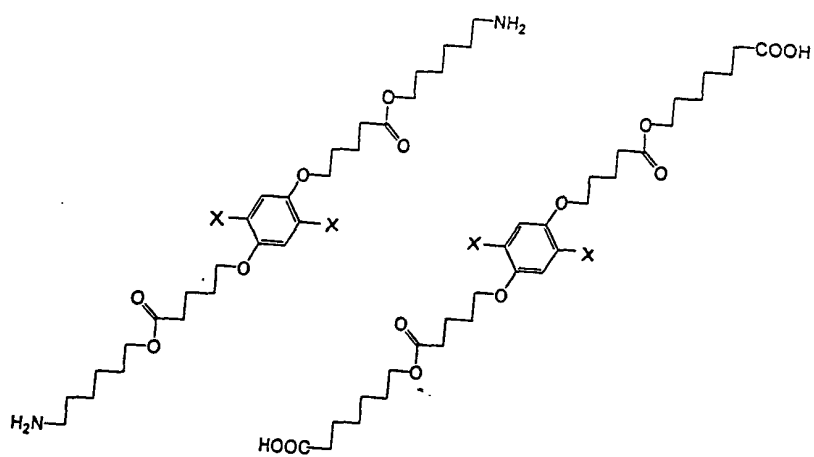
Fig. 9



North	at 1h	at 13h	at 15h	at 17h	at 19h	at 21h	at 23h	at 25h	at 27h	at 29h	at 31h	at 33h	at 35h	at 37h	at 39h	at 41h	at 43h	at 45h	at 47h	at 49h	at 51h	at 53h	at 55h	at 57h	at 59h	at 61h	at 63h	at 65h	at 67h	at 69h	at 71h	at 73h	at 75h	at 77h	at 79h	at 81h	at 83h	at 85h	at 87h	at 89h	at 91h	at 93h	at 95h	at 97h	at 99h	at 101h	at 103h	at 105h	at 107h	at 109h	at 111h	at 113h	at 115h	at 117h	at 119h	at 121h	at 123h	at 125h	at 127h	at 129h	at 131h	at 133h	at 135h	at 137h	at 139h	at 141h	at 143h	at 145h	at 147h	at 149h	at 151h	at 153h	at 155h	at 157h	at 159h	at 161h	at 163h	at 165h	at 167h	at 169h	at 171h	at 173h	at 175h	at 177h	at 179h	at 181h	at 183h	at 185h	at 187h	at 189h	at 191h	at 193h	at 195h	at 197h	at 199h	at 201h	at 203h	at 205h	at 207h	at 209h	at 211h	at 213h	at 215h	at 217h	at 219h	at 221h	at 223h	at 225h	at 227h	at 229h	at 231h	at 233h	at 235h	at 237h	at 239h	at 241h	at 243h	at 245h	at 247h	at 249h	at 251h	at 253h	at 255h	at 257h	at 259h	at 261h	at 263h	at 265h	at 267h	at 269h	at 271h	at 273h	at 275h	at 277h	at 279h	at 281h	at 283h	at 285h	at 287h	at 289h	at 291h	at 293h	at 295h	at 297h	at 299h	at 301h	at 303h	at 305h	at 307h	at 309h	at 311h	at 313h	at 315h	at 317h	at 319h	at 321h	at 323h	at 325h	at 327h	at 329h	at 331h	at 333h	at 335h	at 337h	at 339h	at 341h	at 343h	at 345h	at 347h	at 349h	at 351h	at 353h	at 355h	at 357h	at 359h	at 361h	at 363h	at 365h	at 367h	at 369h	at 371h	at 373h	at 375h	at 377h	at 379h	at 381h	at 383h	at 385h	at 387h	at 389h	at 391h	at 393h	at 395h	at 397h	at 399h	at 401h	at 403h	at 405h	at 407h	at 409h	at 411h	at 413h	at 415h	at 417h	at 419h	at 421h	at 423h	at 425h	at 427h	at 429h	at 431h	at 433h	at 435h	at 437h	at 439h	at 441h	at 443h	at 445h	at 447h	at 449h	at 451h	at 453h	at 455h	at 457h	at 459h	at 461h	at 463h	at 465h	at 467h	at 469h	at 471h	at 473h	at 475h	at 477h	at 479h	at 481h	at 483h	at 485h	at 487h	at 489h	at 491h	at 493h	at 495h	at 497h	at 499h	at 501h	at 503h	at 505h	at 507h	at 509h	at 511h	at 513h	at 515h	at 517h	at 519h	at 521h	at 523h	at 525h	at 527h	at 529h	at 531h	at 533h	at 535h	at 537h	at 539h	at 541h	at 543h	at 545h	at 547h	at 549h	at 551h	at 553h	at 555h	at 557h	at 559h	at 561h	at 563h	at 565h	at 567h	at 569h	at 571h	at 573h	at 575h	at 577h	at 579h	at 581h	at 583h	at 585h	at 587h	at 589h	at 591h	at 593h	at 595h	at 597h	at 599h	at 601h	at 603h	at 605h	at 607h	at 609h	at 611h	at 613h	at 615h	at 617h	at 619h	at 621h	at 623h	at 625h	at 627h	at 629h	at 631h	at 633h	at 635h	at 637h	at 639h	at 641h	at 643h	at 645h	at 647h	at 649h	at 651h	at 653h	at 655h	at 657h	at 659h	at 661h	at 663h	at 665h	at 667h	at 669h	at 671h	at 673h	at 675h	at 677h	at 679h	at 681h	at 683h	at 685h	at 687h	at 689h	at 691h	at 693h	at 695h	at 697
-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	--------

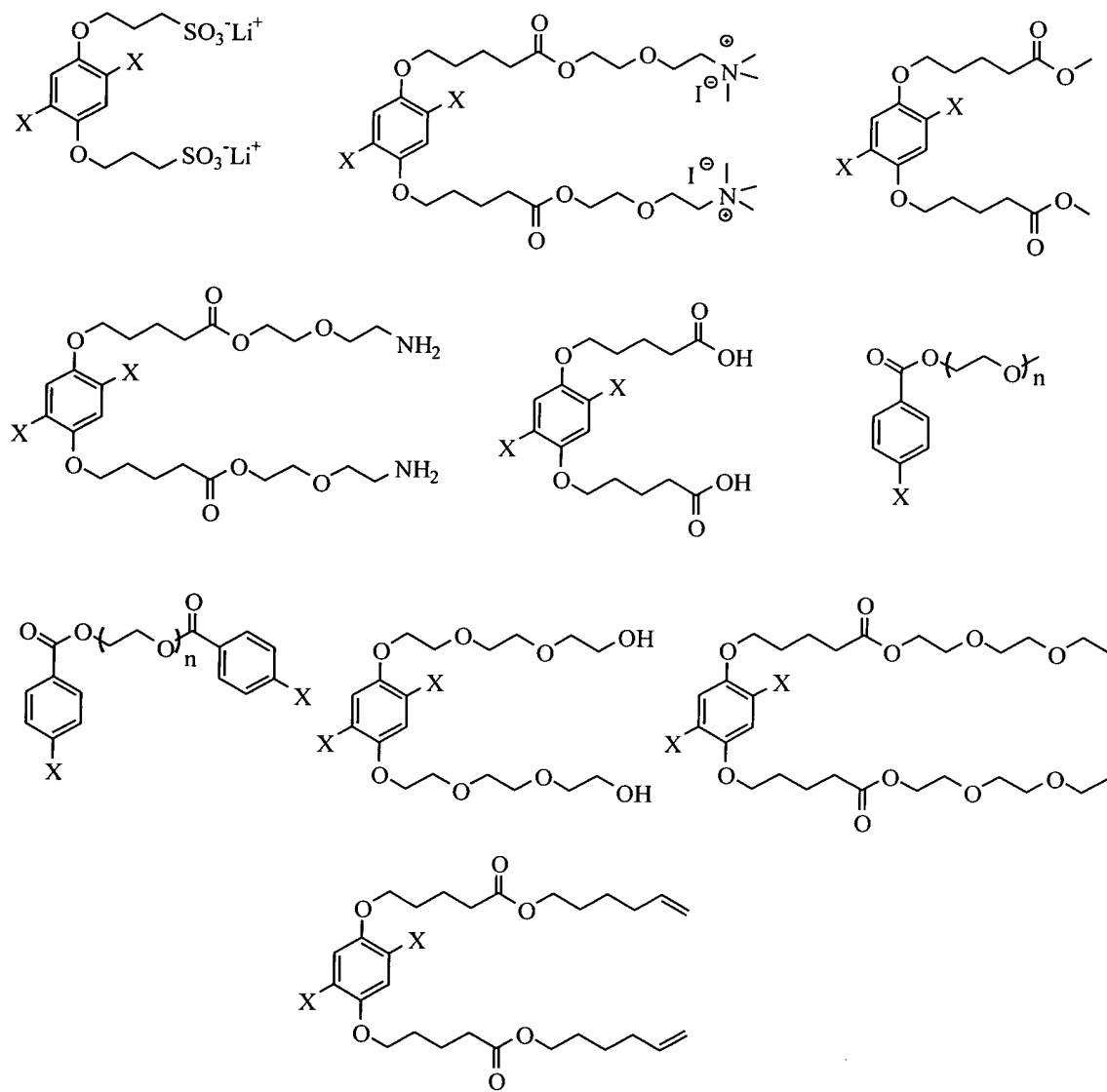
Fig. 10



[illegible]

where, X= I, Br, $\text{—}\equiv\text{—H}$, $\text{—}\equiv\text{—TMS}$

Figure 12



where, X= I, Br, ---H , ---TMS

Fig. 13

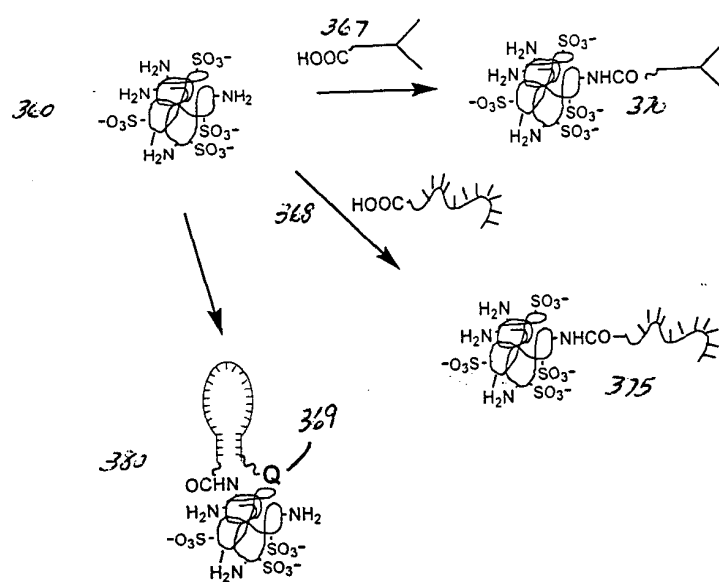


Fig 14

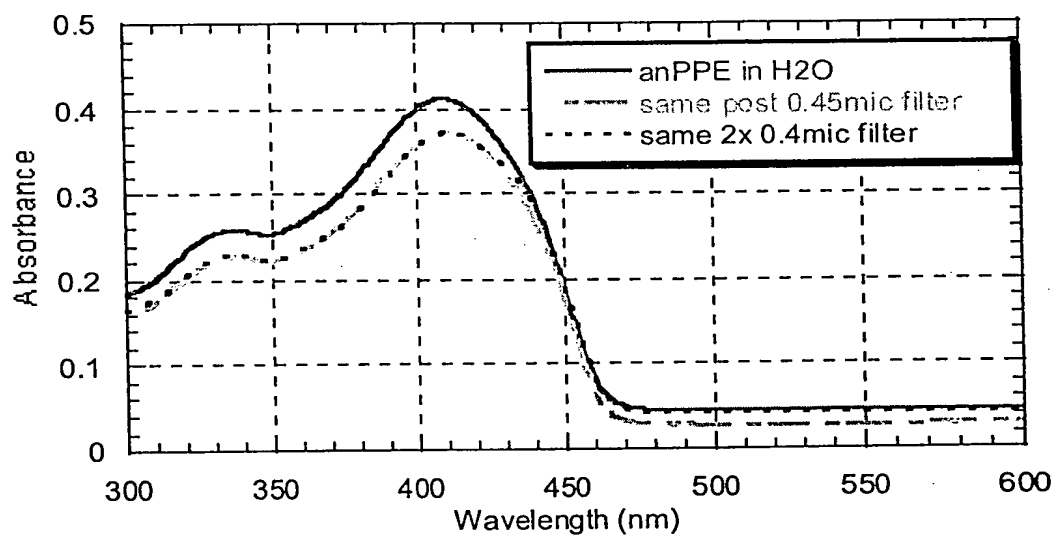


Fig. 15

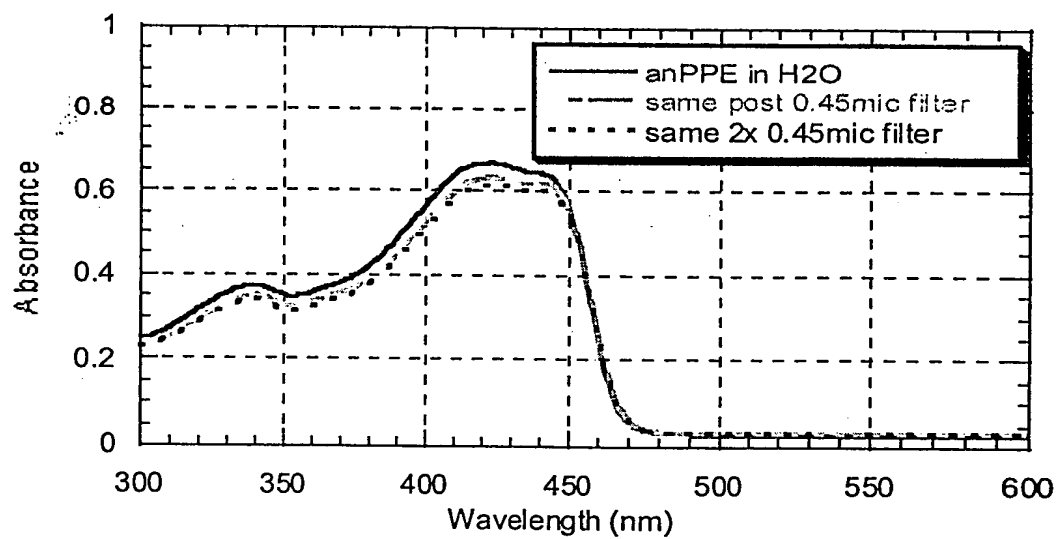


Fig. 16

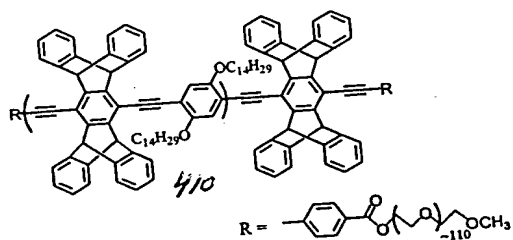
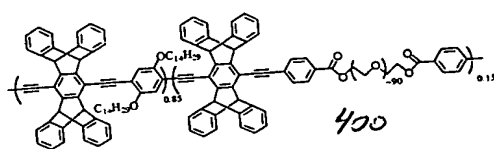


Fig. 17

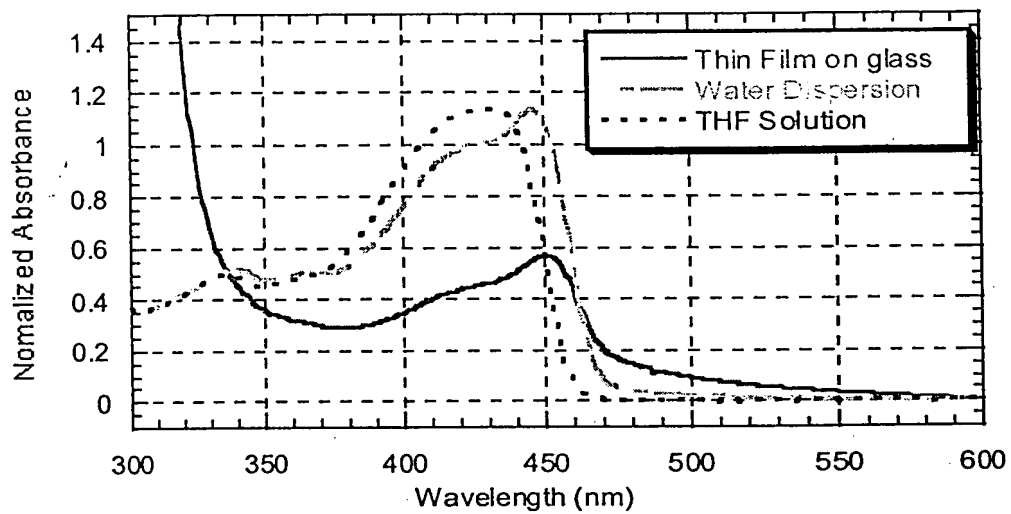


Fig. 18

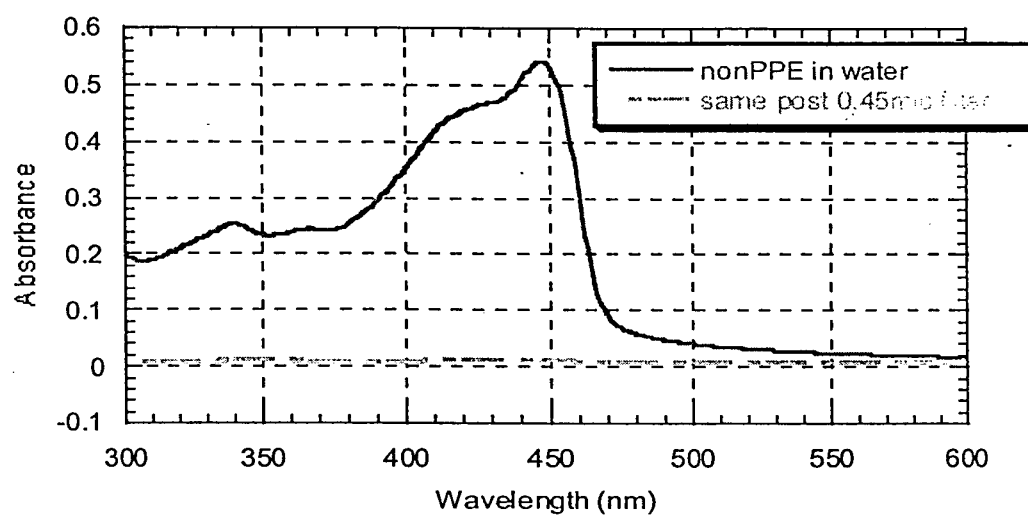


Fig. 19

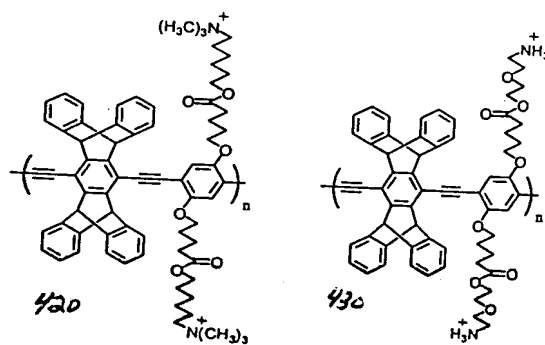


Fig. 20

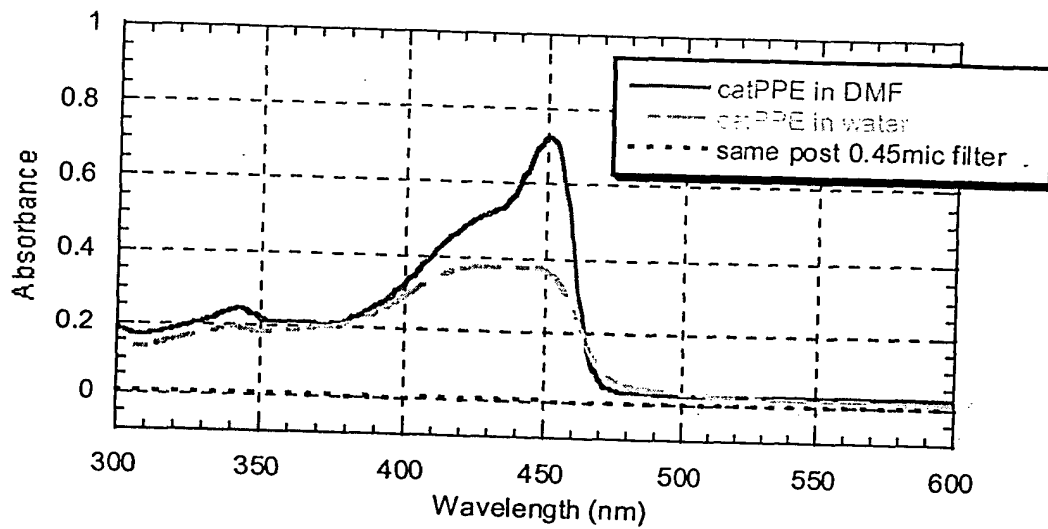


Fig. 21

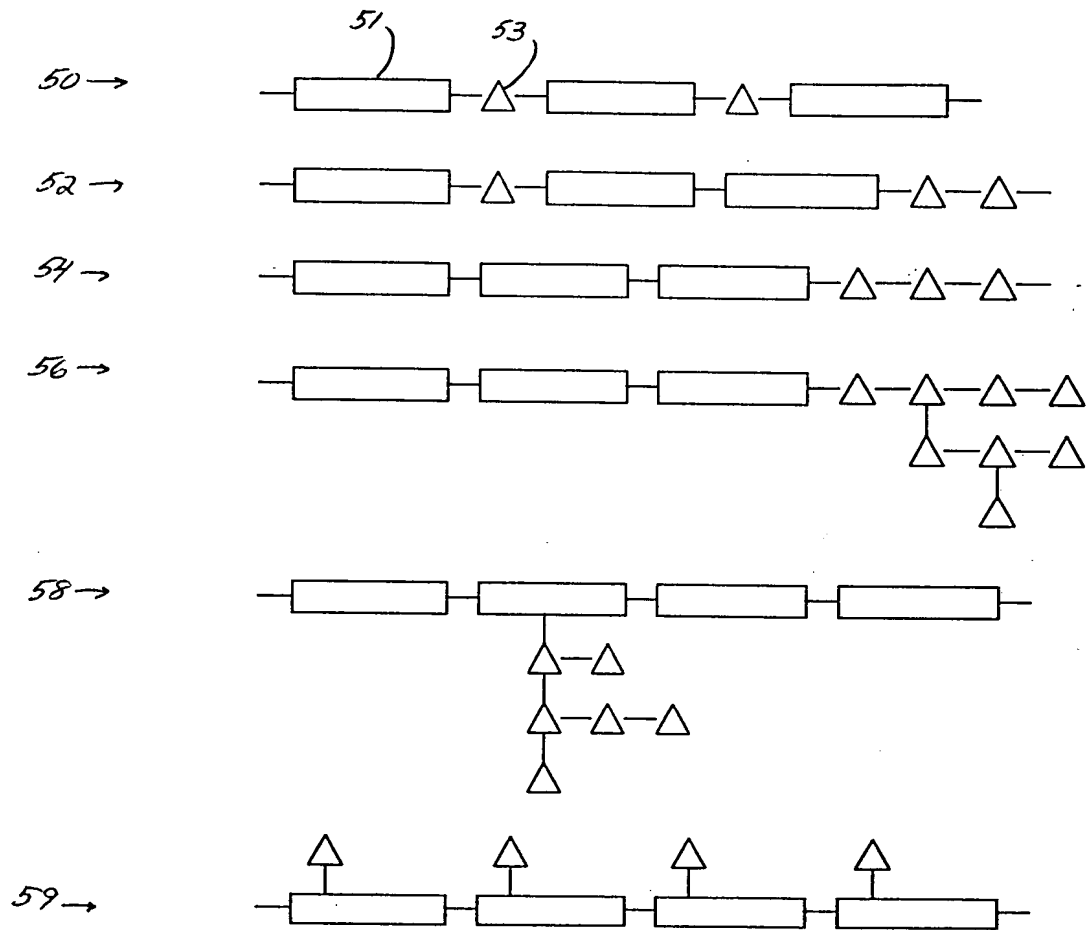
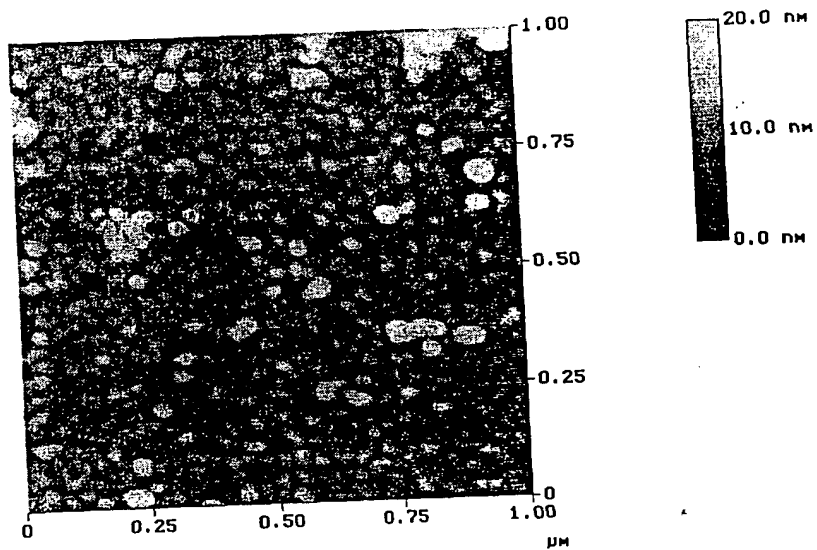


Fig. 22



FOOT 1000000000